PressureGuard CFT®

User Manual (Short Version)

Introduction

The PressureGuard CFT® is designed to address the prevention and treatment of pressure ulcers of clients with a Waterlow 20+. The PressureGuard CFT® is **not** for use with users who have unstable spinal cords.
The PressureGuard CFT® is a non-powered dynamic treatment surface. It uses patented Constant Force Technology™, which automatically adjusts a network of interconnected air cylinders and elasticized reservoirs to the appropriate, therapeutic level, regardless of the user's weight or position.

The PressureGuard CFT® has a top foam layer that incorporates the patented, segmented Geo-Matt® design, providing an anti-shearing pressure reducing surface. The mattress also has firm side bolsters which provide a Safety Edge™ that will not collapse under a user's weight. The top surface also incorporates the Heel Slope® feature for additional reduction of interface pressures at the vulnerable heels.
The user weight limit for the PressureGuard CFT® is 500 lbs (226.8 kg) 35stone.

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Install the Mattress

1. Confirm that the bed frame is applicable for use with the mattress, and that the length and width of the mattress are appropriate for the frame.

2. The mattress should be placed with the blue side up and the Heel Slope™ at the foot end of the bed. The printing on the top of the cover should be able to be read correctly when looking at the mattress on the bed frame. The cleaning instructions, size, box for delivery date are printed at the foot end of the mattress cover.

3. Place linens on the mattress as applicable.

4. Put the patient in position on the mattress by:
   - Making sure the patient is centered on the mattress so his or her body aligns correctly within the perimeter foam.
   - Making sure the patient's heels are placed on the Heel Slope™.

Air System Maintenance

Set-up: The product has been hyper-inflated at the factory for adjustment at the facility or final destination. Upon installation, use the "OUT" auto-adjust valve which was included with your mattress, to ensure ideal pressure setting and optimum mattress performance.

1. Expose side ports at the foot end of the mattress by raising the cover flap or zipping back the cover to where the"air inlet" is printed on the side of the mattress.
2. Insert white end of the "OUT" auto-adjust valve into the port until it clicks.
3. Any excess air will vent through the valve – you will feel air escaping. The valve will shut off air flow when the mattress reaches the ideal inflation level.
4. When air flow stops, remove the valve by pressing the silver tab on the top of the port.
5. Repeat for other port.

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Routine Maintenance:

1. Verification of Air Inflation Levels.

   With the mattress inverted (gray vinyl side up) on a flat, level surface, check the inflation level of the air cylinders by running your hand across (side-to-side) the bottom center of the mattress.
   The inflation height of the air cylinders should be even with or slightly higher than the foam side bolsters of the mattress.
   Recommended frequency to check air inflation levels is at 12 month intervals.
   Note: A "flat" air cylinder is usually damaged or defective (i.e. all of the air has leaked out). A "low" inflation level is usually not defective and can be re-inflated to the proper inflation level.
   If low or uneven inflation levels are found, refer to step #2 – "Adjustment of Air Inflation Level".
   For replacement of defective inflation systems, refer to step #3.

2. Adjustment of Air Inflation Level.

   With the patient off of the surface, locate the flap or unzip the cover at the patient's right side, at the foot end of the mattress.
   Lift flap or unzip the cover and insert the IN nozzle of the service kit hand pump into one of the two ports until a click is heard. (See label instruction on the pump for proper set up.)
   Add air with the hand pump until air resistance is felt. Add no more than four (4) strokes if the air system is already inflated.
   Disconnect the pump by depressing the silver tab release.
   Repeat for the other port.
   Insert the white end of the "OUT" auto-adjust valve until it locks in place, verified by a click sound.
   Allow air to escape for at least two (2) minutes, or until escaping air can no longer be felt. If no air is initially felt or heard escaping, inflate further with pump, following above instructions.
   Note: The Auto-Adjust Valve will automatically close when the correct pressure is achieved.
   Disconnect the Auto-Adjust Valve and repeat with other port.

3. Replacement of Air Cylinders.

   Contact your local distributor for assistance.
   (Lyncare Ltd. 061-379090 or www.lyncare.ie)

Order Number	Description
8060-29CE (King)	Pressure Guard CFT Mattress (60”W x 80” L x 7”H)
7554-29CE (Double)	Pressure Guard CFT Mattress (54”W x 75”L x 7”H)
7548-29CE (Extra Wide)	Pressure Guard CFT Mattress (48”W x 75”L x 7”H)
7535-29CE (single)	Pressure Guard CFT Mattress (35”W x 75”L x 7”H)

Replacement Parts

Part Number	Description
C1-375CF-29CE	**Replacement cover, 75” (190.5 cm)**
1293	**Inner Fire Barrier Sleeve**
8780	**Air System for 80” (203 cm) and 84” (213 cm)**
8775	**Air System for 75” (190.5 cm)**
SERVICE-CE	**Service Kit**

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Cleaning

WARNING:
Follow the product manufacturer's instructions. Failure to do so could cause personal injury or equipment damage.

WARNING:
Clean the mattress in accordance with Occupational Safety and Health Administration (OSHA) regulations and Centers for Disease Control and Prevention (CDC) recommendations for blood borne pathogens. Failure to do so could cause patient injury, personal injury, or equipment damage.

Routine Care: Wipe clean with neutral soap suds and lukewarm water. Rinse off with damp cloth and allow to air dry 20-30 minutes.

Hard to Clean Spots: To remove difficult spots or stains we recommend you use a soft brush or sponge with facility approved disinfectants. **Do not use harsh cleaners or solvents.**

Disinfecting: When there is visible soiling and between patient use we recommend that you disinfect the mattress with a hospital grade (tuberclulocidal) disinfectant. We recommend phenolic or quaternary type disinfectants. Follow manufacturer's instructions for use concentrations, contact times and rinsing.

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PressureGuard CFT® Warranty

Span-America Medical Systems, Inc. (the "Company"), warrants to the original purchaser that the PressureGuard Renew and PressureGuard CFT patient support surfaces components, including cover, will be free from defects in materials and workmanship for a period of five (5) years from the date of purchase, when maintained according to manufacturer specifications, using manufacturer provided equipment and maintenance schedule.

During the warranty period, the Company will repair or replace, at the company's option, any system or replaceable component part shown to be defective in materials or workmanship. During the warranty period, such repair or replacement will be made without cost to the original purchaser. All claims must be submitted in writing and must be accompanied by the Company's original sewn-in label and a copy of the original invoice.

This five-year warranty specifically excludes liability for failure caused by improper use and/or maintenance of the system, and/or use of the product(s) without the cover provided by the Company. Use, or lack of maintenance, of the product(s) not in keeping with product labeling and/or instructions shall constitute improper use and/or maintenance. Normal wear patterns, such as compression of foam and gradual reduction of air volume, are to be expected, and, therefore, maintenance is not covered by warranty. Span-America makes no warranty with respect to PressureGuard products or their components that have been subjected to misuse, abuse, neglect, accident or have been modified by others not associated with Span-America Medical Systems, Inc.

OTHER THAN THE EXPRESS WARRANTIES SET OUT ABOVE, THE COMPANY MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER MATTER WITH RESPECT TO THE GOODS. IN NO EVENT, INCLUDING, BUT NOT LIMITED TO, CASES OF CLAIMS OF NEGLIGENCE OR STRICT LIABILITY, SHALL THE COMPANY BE LIABLE FOR INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, NOR SHALL THE COMPANY, IN ANY EVENT, BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCTS CLAIMED TO BE DEFECTIVE.